



Philips Signage Solutions
P-Line Display

50"
UHD Panel
750cd/m²

SignageSolutions



50BDL3017P

Power and flexibility

Brighter content with 24/7 performance.

Made for 24/7 operation, the robust Philips P-Line digital signage display stands the test of time. Clear UHD picture quality and high-brightness make it perfect for demanding environments such as retail, transportation and food & beverage.

Brilliant picture. Strong build.

- Robust metal housing
- D-image:clinically accurate imaging

Effortless setup. Total control.

- Operate, monitor and maintain with CMND & Control

Robust system solution

- Energy-saving automatic backlight control
- FailOver ensures content is always playing
- Sophistication and intelligence with SDM-L

PHILIPS

Specifications

Picture/Display

- Diagonal screen size: 50 inch / 126 cm
- Panel resolution: 3840 x 2160
- Optimum resolution: 3840 x 2160 @ 30Hz
- Brightness: 750 cd/m²
- Contrast ratio (typical): 4000:1
- Dynamic contrast ratio: 500,000:1
- Aspect ratio: 16:9
- Response time (typical): 8 ms
- Pixel pitch: 0.2854 x 0.2854 mm
- Display colors: 1.07 billion
- Viewing angle (H / V): 178 / 178 degree
- Haze: 25 %
- Placement:

Connectivity

- Video input: Display Port1.2 (x1), USB 2.0 (x1), HDMI 2.0 (x2)
- Video output: DisplayPort (x1)
- Audio input: 3.5 mm jack
- Audio output: 3.5mm jack
- Other connections: SDM-L, Micro SD (x1)
- External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack

Supported Display Resolution

Computer formats

Resolution	Refresh rate
1280 x 1024	60Hz
1920 x 1080	60Hz
1024 x 768	60Hz
1280 x 768	60Hz
1280 x 800	60Hz
1360 x 768	60Hz
1600 x 1200	60Hz
1920 x 1200	60Hz
3840 x 2160	30Hz
3840 x 2160	60Hz
640 x 480	60, 67, 72, 75Hz
720 x 400	70Hz
800 x 600	60, 72, 75Hz

Video formats

Resolution	Refresh rate
1080i	25, 30Hz
1080p	50, 60Hz
480i	30, 60Hz
576i	25, 50Hz
720p	50, 60Hz
2160p	30, 60Hz
480p	30, 60Hz
576p	25, 50Hz

Dimensions

- Set dimensions (W x H x D): 1128.44 x 649.01 x 76.80 mm
- Set dimensions in inch (W x H x D): 44.43 x 25.55 x 3.02 inch
- Bezel width: 13.90 mm

- Product weight (lb): TBD lb
- Product weight: TBD kg
- VESA Mount: 400 x 400 mm, M6

Convenience

- Placement: Landscape (24/7), Portrait (24/7)
- Tiled Matrix: Up to 15 x 15
- Keyboard control: Hidden, Lockable
- Signal loop through: IR Loopthrough, DisplayPort, RS232, HDMI
- Network controllable: RJ45, HDMI (One Wire), RS232
- Energy saving functions: Smart Power
- Screen saving functions: Pixel Shift, Low Bright
- Ease of installation: AC Out, Smart Insert, Carrying Handles

Power

- Standby power consumption: <0.5 W
- Mains power: 100 ~ 240 VAC, 50 ~ 60 Hz
- Consumption (Typical): TBD W
- Consumption (EPA 7.0): TBD

Operating conditions

- Temperature range (operation): 0 ~ 40 °C
- Temperature range (storage): -20 ~ 60 °C
- Relative humidity: 20 ~ 80(operation), 5 - 95(storage) %
- Altitude: 0 ~ 3000 m
- MTBF: 60,000 hour(s)

Sound

- Built-in speakers: 2 x 10W RMS

Accessories

- Included accessories: Batteries for remote control, Quick start guide, Remote Control, AC Power Cord, RS232 cable
- Included Accessories: Philips logo (x1), RS232 daisy-chain cable

Multimedia Applications

- USB Playback Audio: AAC, M4A, MP1, MP2, MP3, WMA
- USB Playback Picture: BMP, GIF, JPEG, JPG, PNG
- USB Playback Video: 3GP, AVI, DAT, FLV, MKV, MOV, MP4, MPG, TS, VOB

Miscellaneous

- On-Screen Display Languages: English, French, German, Spanish, Polish, Turkish, Russian, Italian, Simplified Chinese, Traditional Chinese, Arabic, Japanese, Danish, Dutch, Finnish, Norwegian, Portuguese, Swedish
- Regulatory approvals: CE, FCC, Class B, CCC, BSMI, CB, VCCI, CECP, EAC, PSB, EMF, UL/cUL, EnergyStar 8.0
- Warranty: 3 year warranty

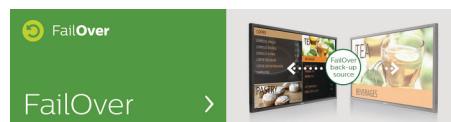
Highlights

D-image



This Philips Professional Display is factory-calibrated to meet clinical compliance standards for greyscale performance. The optimal image achieved by the display can be used to review medical images in consultation rooms or lecture theatres.

FailOver



From waiting room to meeting room, never show a blank screen. FailOver lets your Philips Professional Display switch automatically between primary and secondary inputs ensuring content keeps playing even if the primary source goes down. Simply set a list of alternate inputs to be sure your business is always on.

CMND & Control



Run your display network over a local (LAN) connection. CMND & Control allows you to perform vital functions like controlling inputs and monitoring display status. Whether you're in charge of one screen or 100.

SDM-L ready

An integrated Intel Smart Display Module Large adds scalable sophistication to your display, enabling quick and cost-effective upgrades when you need to add new features and functionality. Its thin design provides the same level of intelligence and interoperability as OPS, whilst keeping the display as sleek as possible.



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Test leaflet, for internal use only!
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